IPDU
Intelligent Power Distribution Unit

Introduction

The Altusen Intelligent Power Distribution Unit is a multifunctional, remote, AC PDU designed to direct and manage power to mission critical applications. Altusen's Intelligent Power Distribution Units are available in 20A, 30A and Dual Circuit configurations.

The I-PDU has the ability to power-on or power-off any or all loads in any sequence over a wide range of time intervals. A circuit breaker at the AC input provides overall protection. The I-PDU is also capable of monitoring line voltage, total load current, as well as frequency. External temperature can be monitored with an optional temperature sensor. The I-PDU also has the ability to ping any device connected to the network and then send an alert to any email address, pager/cell phone and alert via SNMP trap. The I-PDU is a proactive device that will help reduce downtime and response time providing immediate ROI.

Operation/Control is accomplished either manually, using controls on the front panel of the unit, or remotely, using Telnet, a web browser, RS-232 or RS-485/422 communications.

Features

- Remote manageability for vast reduction of downtime to locked systems
- Features a Power-On current limit to prevent tripping of innate circuit breaker
- Power Control capability to groups of outlets
- Local operation/control via front panel push button switches
- Monitors input line voltage, total current load, line frequency and temperature via optional sensors
- Two isolated contact inputs can be used with alarm sensors, security sensors and Emergency E-Stop configuration also possible
- The I-PDU may be used independently or in a daisy chain sequence via RS-232 or RS485/422
- Over-Current protected, with front panel-mounted circuit breaker that may also be used as a switch
- Complies to FCC and CE, UL TUV
- Auto Ping feature to test if connected servers are online
- SNMP enabled
- Daisy chain Maximum expansion to 128 outlets or 16 units
- Delayed restart between outlets to allow for graceful upload of servers

Manage your distributed power systems remotely to reboot locked applications & limit down time

ALTUSEN Connect Without Limits™ by ATEN

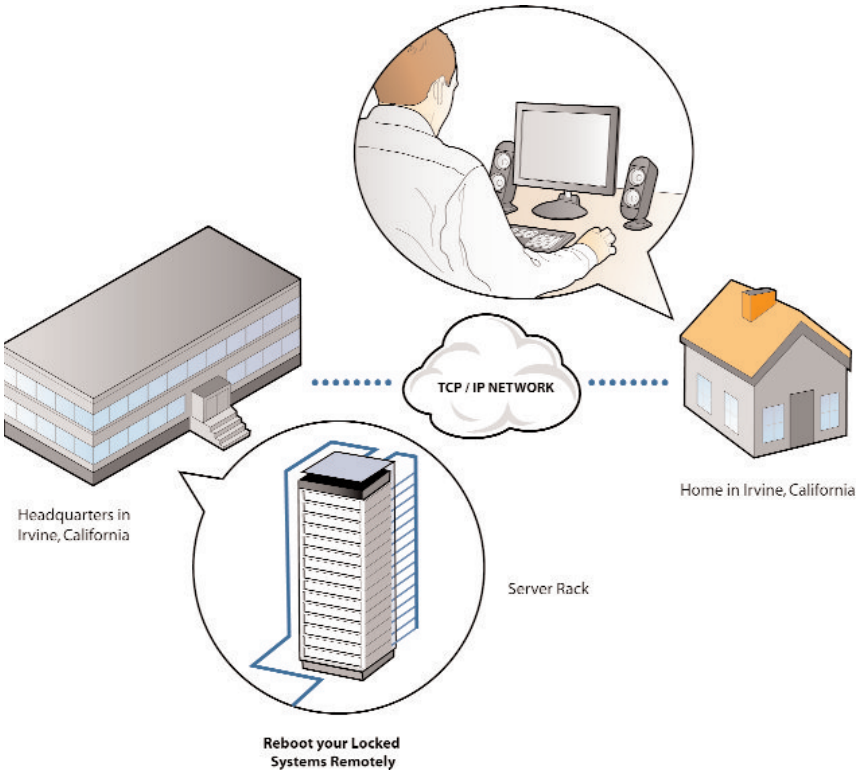
Specifications

Unit	KP1820N	KP1830N	KP1840DN
Cable Input	IEC C20	L5-30P	IEC C20
Cable Output	NEMA 5-20	NEMA 5-15R	NEMA 5-20
Computer Connection			
Daisy Chain or Cascading	RJ11	RJ11	RJ11
Direct	RS-232	RS-232	RS-232
LEDs			
10/100 Mbps	10/100	10/100	10/100
Power On	Green	Green	Green
Power			
Amps	20	30A	40A
Voltage	120VAC	120VAC	120VAC
Dimensions			
Depth, Width, Height	8.25 x 17.25 x 1.75 (in.)	8.25 x 17.25 x 1.75 (in.)	8.25 x 17.25 x 1.75 (in.)
Cable Length	14 Feet	10 Feet	14 Foot
Cable Type	5-20P	5-20P	5-20P
Computer Interface	Front Panel RS-232	Front Panel RS-232	Front Panel RS-232
Daisy Chain	16 I-PDUs for 128 Servers	16 I-PDUs for 128 Servers	16 I-PDUs for 128 Servers
Frequency	60HZ	60HZ	60HZ
LAN Connection	RJ45	RJ45	RJ45
Management	Local or Remote	Local or Remote	Local or Remote
Mounting	1U	1U	1U
Operating System Support	Non OS Dependent	Non OS Dependent	Non OS Dependent
Operating Temperature	0-45C & 32-113F	0-45C & 32-113F	0-45C & 32-113F
Port Selection	Manual or Web Based	Manual or Web Based	Manual or Web Based
Ports	8 Outlets	8 Outlets	8 Outlets (2 x 4)
Power source	Internal	Internal	Internal
Reset Switch	Rocker Type	Rocker Type	Rocker Type
Security	Multi-Level Password Security	Multi-Level Password Security	Multi-Level Password Security
Standards	FCC, UL, TUV, CE	FCC, UL, TUV, CE	FCC, UL, TUV, CE
Storage Temperature	-40-105C	-40-105C	-40-105C
Unit to Unit Connectors	RJ11	RJ11	RJ11
Voltage	120VAC	120VAC	120VAC

Configuration

Configuring an ATEN Intelligent PDU is relatively easy and quick. All you need to do is connect your chosen computers, routers, switches and/or KVMs to the PDU. By default the PDU will begin monitoring line voltage, total load current, as well as frequency.

With some quick administration you can add the IP addresses of all equipment connected (if the units are on the network) and the PDU will monitor the equipment by auto-pinging the devices at a set interval. Then after you setup the alerts to email, page or alert you via an SNMP trap the PDU will let you know when there is a crucial concern.



Package Contents

- (1) Intelligent PDU
- (1) User Manual
- (1) Set of Rackmount Hardware
- (1) Software CD
- (1) Powercord